Iowa Department of Natural Resources

Environmental Priority Assessment For Open Feedlots

Facility Name _____ **Permit #** _____

Mailing Address_____ **Facility #** _____

_____ **Postmark date:**_____

Telephone _____ **Field Office #**_____

Contact Person _____

Facility Location (911 Address)_____

_____

Facility Location (Legal description) _____

Reviewer (Name and Title)_____ **Date of Review**_____

Entered in Database by _____ **Date of Entry** _____

Animal Units (10 points per 1000 animal units)

Actual number of animals	Multiplier for converting to 1000 beef cattle equivalent	Converted animal units	**Points**	**Assessed pts**
			TOTAL POINTS	

Topography

% Slope within feedlot area	**Points**	**Assessed pts**
0 – 4 %	20	
> 4 %	40	
	TOTAL POINTS	

Distance to Surface Water Bodies in flow pattern of runoff

Feet from closest edge of feedlot to surface water (does not include private pond)	**Points**	**Assessed pts**
0 – 100 ft.	40	
100 – 500 ft.	20	
> 500 ft.	10	
	TOTAL POINTS	

Drainage area of a feedlot, including clean water drainage which would traverse the feedlot. Add 1 point for every acre.

Number of acres	**Points**	**Assessed pts**
	TOTAL POINTS	

Classification of Surface Water

See IAC Chapter 567—61.3(5) Surface water classification for specific stream and lake designations. Points are cumulative for all impacted surface waters below feedlots. If the second receiving stream is less than a mile downstream from the initial receiving stream, automatically assess points for at least the first two streams. Distance to TMDL watershed segment limited to 2 miles, all others 1 mile.

Designated Use	Points	Assessed pts
TMDL, Associated with feedlot runoff Class HQR, HQ, C (Drinking water)	Site assess for pt. value – max 60	
Class A, B(CW), B(WW), B(LR), B(LW)	30	
General Use, Intermittent	10	
	TOTAL POINTS	

Direct Conduits to Surface or Ground Water

Can be more than one and are cumulative.

Type of Conduit	Distance from closest edge of feedlot to conduit	Points	Assessed pts
Agricultural drainage well, Sinkhole	Within watershed of feedlot	Site assess for pt. value, max 60	
Private well, Public deep well	<400 ft.	40	
Public shallow well	<1000 ft.	40	
		TOTAL POINTS	

Parent Material, Soil Type, Quaternary Thickness

The feedlot area and the first 1000 ft. within the runoff flow pattern.

Soil types as described by county soil survey	Points	Assessed pts
Highly permeable, well drained soils formed in alluvium, sand and gravel, eolian (wind blown) sand, glacial out wash, thin (<10 feet) loess over weathered (regolith) sandstone or limestone.	30	
Quaternary thickness <50 ft. to carbonate bedrock	30	
Quaternary thickness 50 – 100 ft to carbonate bedrock	5	
	TOTAL POINTS	

Additional Comments, both positive and negative

(add or deduct points dependent on information submitted.)

_____

_____

_____

_____

TOTAL POINTS DEDUCTED	
TOTAL POINTS ADDED	

Cumulative Assessed Priority Points For Both Pages	

Based on the priority assessment, this facility is classified as:

HIGH _____

MEDIUM _____

LOW _____